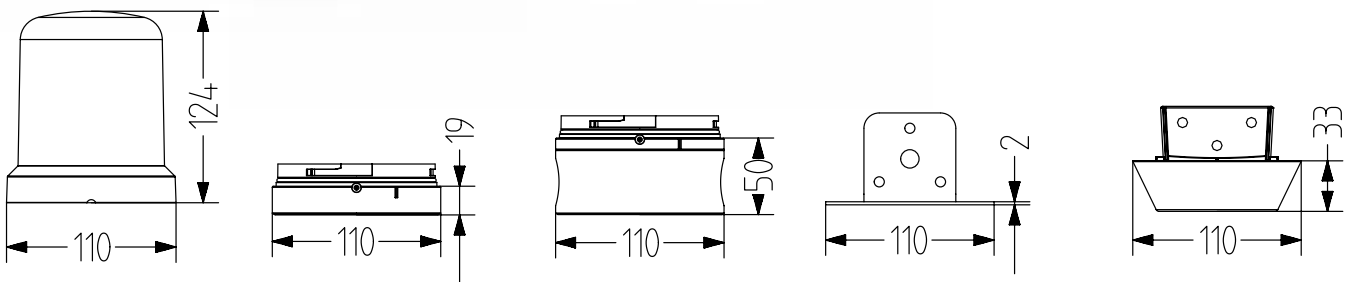


# RDM LED multifunction beacon

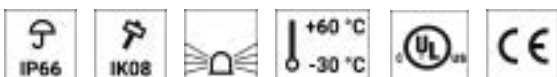
- 110 mm Ø large modular LED multifunctional beacon
- outstanding light intensity and excellent signal effect
- up to 111 Cd luminous intensity (colour-dependent)
- strobe/flashing/rotating/pulsing/dimming and steady-light functions
- 7 light functions externally controllable
- a total of 28 different operating modes in 4 groups
- unique, appealing product design
- high protection class IP66 & impact resistance IK08
- base modules for all required mounting types
- can be combined with 32-tone sounder
- extensive accessories (mounting brackets, seals, cable glands)
- for industrial and general applications



## TECHNICAL DATA

Size	110 mm
Housing	Polycarbonate
Lens	Polycarbonate, ribbed inside, amber, red, clear, blue, green or yellow
Type of mounting	Any, conduit mounting
Cable entry	Depending on the base, grommet or cable gland (cable entry from below and from the side)
Connection technology	Screw terminal
Leakage current	3mA

Beacon type	Multifunction beacon
Light source	LED (6×6 LEDs)
Duty cycle	100 %
Service life	Light source > 50.000 h
Operating temperature	-30 / +60°C
Degree of protection	IP66, UL Type 4, 4X, 13
Impact resistance	IK08



# RDM

## ORDER DATA

Type	12 V DC	24VAC/DC	48VAC/DC	110-240VAC	Lens colour	Nominal voltage	Voltage range (V)	Nominal current	
RDM	850511004				amber	12VDC	+/-10%	2,4A	
	850512004				red	12VDC	+/-10%	1,3A	
	850514004				clear	12VDC	+/-10%	2,4A	
	850515004				blue	12VDC	+/-10%	2,4A	
	850516004				green	12VDC	+/-10%	2,4A	
	850517004				yellow	12VDC	+/-10%	2,4A	
		850511405				amber	24VAC/DC	+/-10%	910mA
		850512405				red	24VAC/DC	+/-10%	870mA
		850514405				clear	24VAC/DC	+/-10%	910mA
		850515405				blue	24VAC/DC	+/-10%	910mA
		850516405				green	24VAC/DC	+/-10%	910mA
		850517405				yellow	24VAC/DC	+/-10%	910mA
			850511408			amber	48VAC/DC	+/-10%	630mA
			850512408			red	48VAC/DC	+/-10%	520mA
			850514408			clear	48VAC/DC	+/-10%	630mA
			850515408			blue	48VAC/DC	+/-10%	630mA
			850516408			green	48VAC/DC	+/-10%	630mA
			850517408			yellow	48VAC/DC	+/-10%	630mA
				850511313		amber	110/120/230/240VAC	+/-10%	230mA
				850512313		red	110/120/230/240VAC	+/-10%	210mA
				850514313		clear	110/120/230/240VAC	+/-10%	230mA
				850515313		blue	110/120/230/240VAC	+/-10%	230mA
				850516313		green	110/120/230/240VAC	+/-10%	230mA
				850517313		yellow	110/120/230/240VAC	+/-10%	230mA



RBA



RBL



RBH



RBNPT

## BASES

Type	Type of product	24-48 V AC/DC	110-240 V AC
RBA	Audible base for R series beacons	850535408	850535313
RBL	Standard base for horizontal mounting		850500900
RBH	Universal base for horizontal and pole mounting		850510900
RBNPT	Universal base for NPT 1/2" conduit mounting		850515900



RWD



RWU



RWA



RG1



RG2



AKV



RKV

## ACCESSORIES

Type	Type of accessory	Order number
RWD	Design bracket for wall mounting of R-series beacons	850520900
RWU	Metal bracket for wall mounting of R-series beacons	850521900
RWA	Metal bracket for audible bases	850531900
RG1	Flat gasket for R-series bases to seal on smooth enclosures	850590900
RG2	Flat gasket for vertical mounting of RWD design bracket	850590910
AKV	Cable gland M20 for N/M/R-series, CT5, multitone sirens A and/or beacons Q	698800026
RKV	Cable gland M16 for R series bases	850590920

## Modul-Perfect 70 modular Signal tower

- Ø 70 mm modular signal tower
- Up to 6 times brighter than comparable signal towers
- 7 positions provide maximum flexibility
- Two visual appearances available with the new diffuser
- Even brighter top light module with hemispherical signalling effect
- New LED light modules with multi colour, rotating light, multi function and steady light functions
- Multitone module now also available as an inline module
- New multi-tone alarm sounder module for the best possible tone quality and variety
- Innovative MP3/voice output module for playing back audio formats
- Patented, cost-effective M12 bases

### TECHNICAL DATA

Housing	Ø 70 mm, Polycarbonate black
Lens	Polycarbonate, amber, red, clear, blue, green, yellow or magenta
Leakage current	0,003 A
Beacon type	LED steady beacon, LED flashing beacon, LED strobe beacon or LED multi strobe beacon
Light source	LEDs
Tone	see tone table
Volume	100-105 dB (depending on module)
Duty cycle	100 %
Service life	Light source: LED 100,000 hours
Number of possible modules	max. 7
Operating temperature	-30°C / +70°C
Degree of protection	IP 66 & UL Type 4/4x/13
Impact resistance	IK08
Weight (modules)	48-166 g



## Modul-Perfect 70 Pre-assembled Signal towers



Order no.: PC7-Q07  
Colours: red/amber/green  
Function: Top LED steady/flashing beacon (red) + LED steady beacon  
Nominal voltage: 24 V AC/DC  
Type of mounting: Tube mounting (100 mm tube length)



Order no.: PC7-Q06  
Colours: red/amber/green  
Function: LED multifunctional module (red) + LED steady beacon  
Nominal voltage: 24 V AC/DC  
Type of mounting: Tube mounting (100 mm tube length)



Order no.: PC7-Q05  
Colours: red/amber/green/blue  
Function: LED steady beacon  
Nominal voltage: 24 V AC/DC  
Type of mounting: Tube mounting (100 mm tube length)

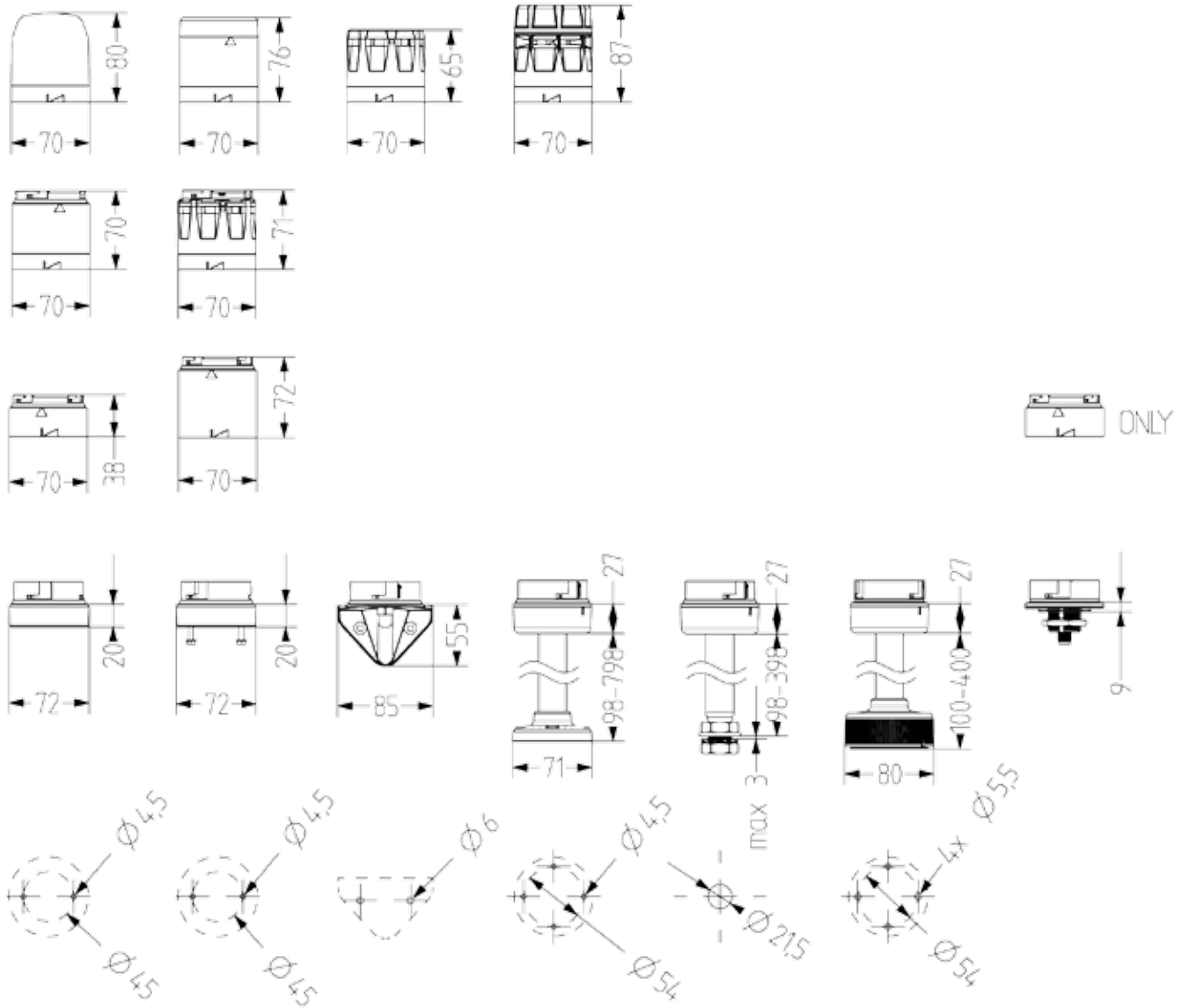


Order no.: PC7-Q02  
Colours: red/green  
Function: LED steady beacon  
Nominal voltage: 24 V AC/DC  
Type of mounting: Tube mounting (100 mm tube length)



Order no.: PC7-Q01  
Colours: red/amber/green  
Function: LED steady beacon  
Nominal voltage: 24 V AC/DC  
Type of mounting: Tube mounting (100 mm tube length)

# Modul-Perfect 70



# Modul-Perfect 70 Order numbers



## VISUAL MODULES

Type	Productname	amber	red	clear	blue	green	yellow	magenta
PC7DC	LED steady light module	910 011 405	910 012 405	910 014 405	910 015 405	910 016 405	910 017 405	910 018 405
PC7DF	LED multifunctional module	910 021 405	910 022 405	910 024 405	910 025 405	910 026 405	910 027 405	910 028 405
PC7DR	LED rotating light module	910 031 405	910 032 405	910 034 405	910 035 405	910 036 405	910 037 405	910 038 405
PC7DM	LED multi colour module	910 040 405						



## VISUAL TOP MODULES

Type	Productname	amber	red	clear	blue	green	yellow	magenta
PC7DCB	Top LED steady/flashing light beacon module	910 111 405	910 112 405	910 114 405	910 115 405	910 116 405	910 117 405	910 118 405
PC7DFB	Top LED multi strobe beacon module	910 121 405	910 122 405	910 124 405	910 125 405	910 126 405	910 127 405	910 128 405
PC7DRB	Top LED rotating light beacon module	910 131 405	910 132 405	910 134 405	910 135 405	910 136 405	910 137 405	910 138 405
PC7DMB	Top LED multi colour module	910140 405						



## AUDIBLE MODULES

Type	Productname	Order Number
PC7ZM	Top Multi-tone module	910 510 405
PC7ZI	Multi-tone module	910 520 405
PC7TD	Top Multi-tone siren module	910 530 405
PC7VS	Top MP3/voice output module	910 540 405

# Modul-Perfect 70 Order numbers

## BASE MODULES & ACCESSORIES

Type	Productname	Order Number
PC7BLV	Low-voltage upper base section, up to 7 modules	910 771 405
PC7BHV3	High-voltage upper base section, up to 3 modules	910 772 313
PC7BHV7	High-voltage upper base section, up to 7 modules	910 773 313
PC7MW	Base for horizontal mounting, with NPT 1/2" thread	910 710 900
PC7MS	Base for horizontal mounting with pre-mounted fixing screws, with NPT 1/2" thread	910 720 900
PC7MV	Base for vertical mounting	910 730 900
PC7MR	Aluminium tube base with plastic foot, 100mm	910 742 900
PC7MR	Aluminium tube base with plastic foot, 250mm	910 743 900
PC7MR	Aluminium tube base with plastic foot, 400mm	910 744 900
PC7MR	Aluminium tube base with plastic foot, 600mm	910 746 900
PC7RS	Aluminium tube base with screw, 100mm	910 752 900
PC7RS	Aluminium tube base with screw, 250mm	910 753 900
PC7MC5	Base with integrated 5-pin M12 connector	910 781 405
PC7MC8	Base with integrated 8-pin M12 connector	910 782 405
PC7FR	"Foot adapter" quick mounting system on aluminium tube, 100mm	910 792 405
PC7FR	"Foot adapter" quick mounting system on aluminium tube, 250mm	910 793 405
PC7ASI20	AS-Interface V2.0 4-bit	910 775 200
PC7ASI30	AS-Interface V3.0 4-bit	910 775 300
PC7LD	Diffusor foil	910 000 900
XWR	Plastic bracket for vertical mounting of signal tower tube bases	900 600 900
BVB	Metal bracket for vertical mounting of signal tower tube bases	200 550 900
XSS	Set for vertical mounting	900 700 900
PC7TM	Transition module to use Modul-Perfect Modules with a Modul-Signal 70 base	910 800 900

